

Appl. No. 09/628,922
Amdt. dated October 28, 2005
Reply to Office Action of 06/29/2005

AMENDMENTS TO THE CLAIMS

Claims 4, 15, 18 and 19 are allowed. Claims 1-5 and 7-21 are pending and claims 1-3, 5, 7-14, 16, 17, 20 and 21 are rejected. Please cancel claims 1-3, 5, 7-14, 16, 17, 20 and 21 without prejudice or disclaimer of the subject matter therein.

1. (canceled)

2. (canceled)

3. (canceled)

4. (previously presented) A color head-up display, in particular for vehicles, in which the light from a light source (2) is transmitted through an at least partially light-transmitting display (3) and is projectable onto a windshield, wherein a multiplicity of red, a multiplicity of blue and a multiplicity of green light-emitting diodes (10-12) are arranged without packaging on a common support (16, 17, 19), and wherein a heat-dissipating device (19) for cooling the light-emitting diodes is present, wherein the number of light-emitting

diodes of one color is adapted to the spectral sensitivity of the eye and to the spectral efficiency of the diodes.

5. (canceled)

6. (canceled)

7. (canceled)

8. (canceled)

9. (canceled)

10. (canceled)

11. (canceled)

12. (canceled)

13. (canceled)

- 3 -

BEST AVAILABLE COPY

14. (canceled)

15. (previously presented) A color head-up display, in particular for vehicles, in which the light from a light source (2) is transmitted through an at least partially light-transmitting display (3) and is projectable onto a windshield, wherein a multiplicity of red, a multiplicity of blue and a multiplicity of green light-emitting diodes (10-12) are arranged without packaging on a common support (16, 17, 19), and wherein a heat-dissipating device (19) for cooling the light-emitting diodes is present, wherein there are a plurality of displays (3) and a plurality of said light sources (2).

16. (canceled)

17. (canceled)

18. (previously presented) A color head-up display, in particular for vehicles, in which light from a light source is transmitted through an at least partially light-transmitting display and is projectable onto a windshield, wherein the light source comprises a multiplicity of red, a multiplicity of blue and a multiplicity of green light-emitting diodes arranged without packaging on a common support, and wherein the head-up display includes optical means for

distributing light emitted by respective ones of the light-emitting diodes upon the at least partially light-transmitting display, and further includes a heat-dissipating device for cooling the light-emitting diodes, and

wherein the light-emitting diodes of the various colors are selected by color in accordance with the spectral sensitivity of the eye to cause an observer to experience a sensation of brightness, thereby to accomplish a dimming of the head-up display.

19. (previously presented) A method of dimming a color head-up display, in particular for vehicles, in which display the light from a light source is transmitted through an at least partially light-transmitting display and is projectable onto a windshield, wherein the method includes steps:

of providing the light source with a multiplicity of red, a multiplicity of blue and a multiplicity of green light-emitting diodes, and arranging the light-emitting diodes without packaging on a common support;

distributing light emitted by respective ones of the light-emitting diodes upon the at least partially light-transmitting display; and

selecting individual ones of the light emitting diodes by color in accordance with the spectral

sensitivity of the eye to cause an observer to experience a sensation of brightness, thereby to accomplish a dimming of the head-up display.

20. (canceled)

21. (canceled)